



U.S. Department
Of Transportation


**Federal Highway
Administration**

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION:** LTPP Directive FWD-33
Modifications to LTPP FWD Test Procedures

Date: June 14, 2011

From: Jane Jiang 
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-30

To: Dr. Frank Meyer, PM - LTPP North Atlantic Regional Contract
Dr. Frank Meyer, PM - LTPP North Central Regional Contract
Mr. Tim Martin, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is the Long-Term Pavement Performance (LTPP) Program Directive FWD-33: LTPP FWD Procedures when Idle. Please ensure that all personnel are aware of this new directive.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact me at 202-493-3149.

Attachment (1)

FHWA:HRDI-30:JJiang:mdeeney:493-3149:6/14/12

File: c:/mdeeney/directive/fwd/FWD-33dir.docx

cc:

Jonathan Groeger

Directive Binder

LTPP Team

Official file

Chron

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area: Monitoring

Directive Number: FWD-33

Date: May 29, 2012

Supersedes: Supplements
FWD-30

Subject: LTPP FWD Procedures when Idle

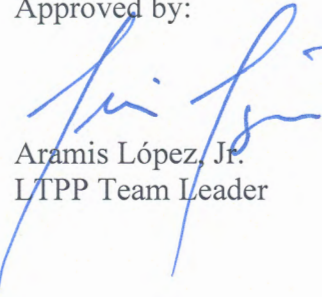
When more than 42 days are expected to occur between FWD field measurements using LTPP equipment, the following procedures shall be observed:

- Start the FWD tow vehicle with FWD attached and run the FWD through four buffer warm-up cycles every month as a minimum to maintain operational integrity.
- Maintenance checks and procedures should be performed in accordance with LTPP FWD Maintenance Manual, publication number FHWA-LTPP-05-153.
- The following calibration and equipment checks shall be performed before using a LTPP FWD when more than 42 days have transpired since the last calibration or check has been performed. These checks do not need to be performed during periods when the FWD is idle.
 - Relative calibration
 - DMI calibration
 - Temperature sensor validation

Questions concerning this directive should be addressed to the FHWA LTPP leader for FWD operations.

Prepared by: TSSC

Approved by:


Aramis López, Jr.
LTPP Team Leader